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PRODUCT CHANGE NOTIFICATION (PCN)

ISSUE DATE: 28.07.2023
MODIFICATION / REVISION DATE: 28.07.2023

A-CCS 0xx-Z-T PLCC CONNECTOR PITCH 1.27MM STRAIGHT THT

CHANGE NOTIFICATION:	PCN_20230728_ACCS0xxZT
DESCRIPTION OF CHANGES:	CHANGE OF PRODUCT LOCATION CHANGE OF PRODUCT DESIGN New Draw.-No. ASS_0981_COrev10
REASON FOR CHANGE:	CHANGE OF PRODUCT LOCATION CHANGE OF PRODUCT DIMENSIONS, TOLERANCES AND/OR PROPERTIES
KEY CHARACTERISTICS OF CHANGE:	Details see page 3,4,5
PRODUCTS AFFECTED:	A-CCS 0xx-Z-T PLCC CONNECTOR PITCH 1.27MM STRAIGHT THT
DATE OF CHANGE AND IMPLEMENTATION:	CHANGE: WEEK 30 / YEAR 2023 IMPLEMENTATION: 28.07.2023
RESPONSE:	NO RESPONSE TO THIS NOTIFICATION IS REQUIRED

PCN REVISION HISTORY:

DATE OF REVISION: 28.07.2023

REVISION NUMBER: 00

page 1/

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A-CCS 0xx-Z-T	OLD VERSION	A-CCS 0xx-Z-T	NEW VERSION																																																
<p>TOLERANCE</p>																																																			
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<p>Product Specification</p> <p>Product Specification</p> <p>Material</p> <p>⑥ Contact: Phosphor Bronze 0.25mm Thickness</p> <p>⑥ Plated: Matted Tin Plated 80~120u"up over 30~50u" Nickel</p> <p>MECHANICAL PERFORMANCE:</p> <p>⑦ Durability: Per MIL-STD-1344, Method 2016.25 Cycles Vibration: Per MIL-STD-810c, Method 514.2 10-200,000Hz 5G's Shock: Per MIL-STD-810C, Method 516.2,35G's Acceleration: Per MIL-STD-810C, Method 513.2, 15G's Contact Force: 170g/per pin.</p> <p>ELECTRICAL PERFORMANCE:</p> <p>⑧ Contact Interface Resistance: Initial: 6.5 Milliohms Average Final: 15.0 Milliohms Average Max. After Testing. Insulation Resistance: 10000 Megohms min. Dielectric Strength: 1000VAC continuous for 1 minute. Capacitance: Less Than 1.0pF At 1000KHZ. Operating and Storage Temperature : -40°C to +105°C</p> <table border="1"> <thead> <tr> <th>No. of Contacts</th> <th>Insulator</th> <th>A±0.2</th> <th>B±0.2</th> <th>C±0.1</th> <th>D±0.1</th> </tr> </thead> <tbody> <tr> <td>20</td> <td>PBT, Black, UL94V-0</td> <td>15.50</td> <td>15.50</td> <td>5.08</td> <td>5.08</td> </tr> <tr> <td>28</td> <td>PBT, Black, UL94V-0</td> <td>18.05</td> <td>18.05</td> <td>7.62</td> <td>7.62</td> </tr> <tr> <td>32</td> <td>PBT, Black, UL94V-0</td> <td>18.05</td> <td>20.60</td> <td>7.62</td> <td>10.16</td> </tr> <tr> <td>44</td> <td>PBT, Black, UL94V-0</td> <td>23.50</td> <td>23.50</td> <td>12.70</td> <td>12.70</td> </tr> <tr> <td>52</td> <td>PBT, Black, UL94V-0</td> <td>25.88</td> <td>25.88</td> <td>15.24</td> <td>15.24</td> </tr> <tr> <td>68</td> <td>PPS, Black, UL94V-0</td> <td>31.05</td> <td>31.05</td> <td>20.32</td> <td>20.32</td> </tr> <tr> <td>84</td> <td>PPS, Black, UL94V-0</td> <td>36.05</td> <td>36.05</td> <td>25.40</td> <td>25.40</td> </tr> </tbody> </table>		No. of Contacts	Insulator	A±0.2	B±0.2	C±0.1	D±0.1	20	PBT, Black, UL94V-0	15.50	15.50	5.08	5.08	28	PBT, Black, UL94V-0	18.05	18.05	7.62	7.62	32	PBT, Black, UL94V-0	18.05	20.60	7.62	10.16	44	PBT, Black, UL94V-0	23.50	23.50	12.70	12.70	52	PBT, Black, UL94V-0	25.88	25.88	15.24	15.24	68	PPS, Black, UL94V-0	31.05	31.05	20.32	20.32	84	PPS, Black, UL94V-0	36.05	36.05	25.40	25.40	<p>NOTES:</p> <p>⑨ 1. MATERIAL</p> <p>⑩ 1.1 Housing: PPS Glass Fiber filled, UL94 V-0, Black 1.2 Contact: Phosphor Bronze, l=0.25mm</p> <p>⑥ 2. FINISH</p> <p>⑩ 2.1 Contact: Matte Tin 20-200u" over Ni 15-80u"</p> <p>⑦ 3. MECHANICAL</p> <p>⑩ 3.1 Mating Force: 4Kg·f Max. ⑩ 3.2 Unmating Force: 0.70Kg·f Min. ⑩ 3.3 Durability (mating cycles): 200 cycles Min.</p> <p>⑧ 4. ELECTRICAL</p> <p>⑩ 4.1 Rated Current: 1.0 Amp ⑩ 4.2 Rated Voltage: 125~250 V ⑩ 4.3 Withstand Voltage: 600V for 1 minute ⑩ 4.4 Contact Resistance: 20mΩ Max. ⑩ 4.5 Insulation Resistance: 1000MΩ Min.</p> <p>5. ENVIRONMENTAL</p> <p>⑩ 5.1 Operating Temperature: -40°C To +105°C ⑩ 5.2 High Temperature Resistance: 260±5°C 10S 6. Packing: Tube</p> <table border="1"> <thead> <tr> <th rowspan="2">Pin Count</th> <th colspan="4">Dimension</th> </tr> <tr> <th>Dim A</th> <th>Dim A1</th> <th>Dim B</th> <th>Dim B1</th> </tr> </thead> <tbody> <tr> <td>28</td> <td>18.00</td> <td>7.62</td> <td>18.00</td> <td>7.62</td> </tr> <tr> <td>32</td> <td>18.10</td> <td>7.62</td> <td>20.65</td> <td>10.16</td> </tr> <tr> <td>44</td> <td>23.05</td> <td>12.70</td> <td>23.05</td> <td>12.70</td> </tr> <tr> <td>52</td> <td>25.70</td> <td>15.24</td> <td>25.70</td> <td>15.24</td> </tr> <tr> <td>68</td> <td>30.80</td> <td>20.32</td> <td>30.80</td> <td>20.32</td> </tr> <tr> <td>84</td> <td>36.00</td> <td>25.40</td> <td>36.00</td> <td>25.40</td> </tr> </tbody> </table>		Pin Count	Dimension				Dim A	Dim A1	Dim B	Dim B1	28	18.00	7.62	18.00	7.62	32	18.10	7.62	20.65	10.16	44	23.05	12.70	23.05	12.70	52	25.70	15.24	25.70	15.24	68	30.80	20.32	30.80	20.32	84	36.00	25.40	36.00	25.40
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A-CCS 0xx-Z-T	A-CCS 0xx-Z-T
OLD VERSION	NEW VERSION
<p>Appearance</p>	<p>20PIN:</p> <p>28-84PIN:</p>
<p>FOR DETAIL, PLEASE TAKE ATTACHED NEW DRAWING: FOR REFERENCE</p>	

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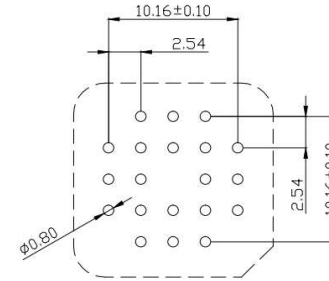
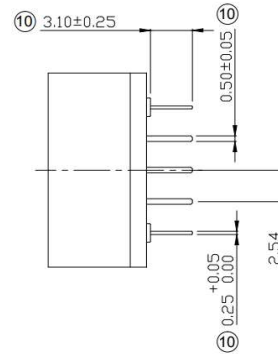
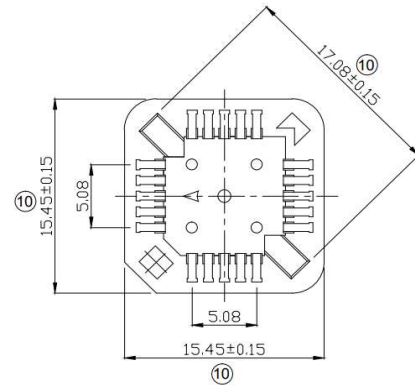
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A

20PIN



Recommended P.C.B Layout

NOTES:

- 1.MATERAIL
 ⑩ 1.1 Housing:PPS Glass Fiber filled,UL94 V-0,Black
 1.2 Contact:Phosphor Bronze,T=0.25mm
- 2.FINISH
 ⑩ 2.1 Contact:Matte Tin 20-200u" over Ni 15-80u"
- 3.MECHANICAL
 ⑩ 3.1 Mating Force:4Kg·f Max.
 ⑩ 3.2 Unmating Force:0.70Kg·f Min.
 ⑩ 3.3 Durability (mating cycles):200 cycles Min.
- 4.ELECTRICAL
 ⑩ 4.1 Rated Current:1.0 Amp
 ⑩ 4.2 Rated Voltage:125~250 V
 ⑩ 4.3 Withstand Voltage:600V for 1 minute
 ⑩ 4.4 Contact Resistance:20mΩ Max.
 4.5 Insulation Resistance:1000MΩ Min.
- 5.ENVIRONMENTAL
 5.1 Operating Temperature:-40°C To +105°C
 ⑩ 5.2 High Temperature Resistance:260±5°C 10S
 6.Packing:Tube

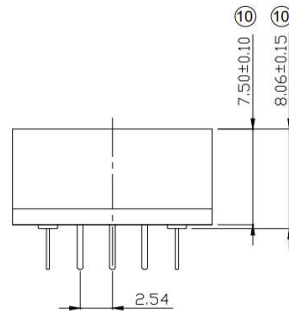
B

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E

F



G

RoHS compliant
unit:mm

Scale	Free	⑩	Change the plant	10.07.2023	Peter		Date	Name
TOLERANCE		⑨	Update dimension and shape	17.05.2022	Daniel	Drawn	08.05.2003	Hellwig
X.	±0.50	⑧	Update dimension 2.75mm to 3.20mm	10.06.2020	Winnie	Approved	10.07.2023	Peter
X.X	±0.20	⑦	Add Pin-out diagram	02.08.2018	Xavier			
X.XX	±0.10	⑥	Update the plating spec	11.05.2018	Segal			
Dim	TOL	⑤	Add the stand off	27.04.2018	Winnie			
X°	±1°							
Angle	TOL	Id.	Modification	Date	Name			

Description: PLCC Socket Connector
20Pin Pitch 1.27mm Straight THT

ASSMANN WSW-No.
A-CCS 020-Z-T

Drawing-No.

ASS 0981 CO

rev10

Customer No.

Sheet
1/2

1

2

3

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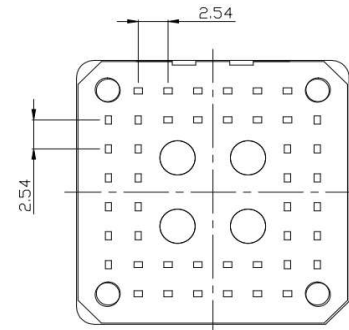
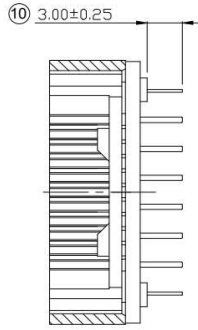
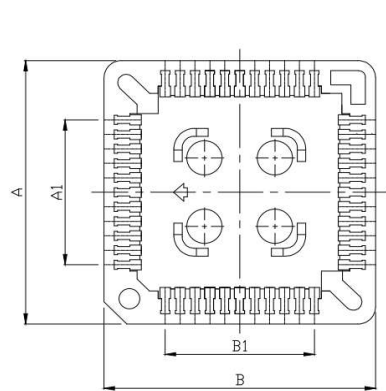
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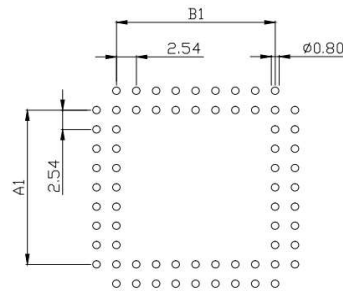
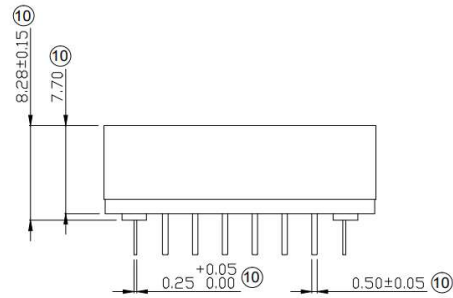
28-84 PIN



B

C

D



Recommended P.C.B Layout

Pin Count	Dimension			
	Dim A	Dim A1	Dim B	Dim B1
28	18.00	7.62	18.00	7.62
32	18.10	7.62	20.65	10.16
44	23.05	12.70	23.05	12.70
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84	36.00	25.40	36.00	25.40

E

F

G

RoHS compliant
unit:mm

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Dim	TOL	⑤	Add the stand off	27.04.2018	Winnie			
X°	±1°							
Angle	TOL	Id.	Modification	Date	Name			

Description: PLCC Socket Contact Pitch 2.54mm Straight THT	
ASSMANN WSW-No. A-CCS 0xx-Z-T	
Drawing-No.	rev10
ASS 0981 CO	
Customer No.	Sheet 2/2

A

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